W-85 WALL CONTROL INSTALLATION

W-85 WALL CONTROL PREPARATION

WALL CONTROL AND HARDWARE (not to scale)

W-85 Wall Control

Switch Mounting Screws (2)

Switch Bezels (1) White (1) Almond

White Wall Plate(1)

Almond Wall Plate(1)

Wall Plate Screws (2) White (2) Almond

(4) Wire Cap

Prepare for W-85 Wall Control Bezel replacement as follows:

Before installing the W-85 wall control you will need to check and see if you will need to change the bezel on the front of the wall control from WHITE to ALMOND. If you are going to use white, skip these steps and go to wall control installation starting on page 3. If you are going to use the ALMOND bezel and wall plate you will first need to change the bezel on the front of the switch before installing the switch in to the wall.

Step 16a. Locate the four (4) tabs holding the bezel to the front of the switch, then press in on each tab one at a time, removing the bezel as shown in Figure #1.

Step 16b. Locate the rubber key pad attached to the four (4) locating pins as shown in Figure #2 and remove rubber key pad from the WHITE bezel, also as shown in Figure #2.

Step 16c. Reinstall the rubber key pad on to the four (4) locating pins located on the almond bezel as shown in Figure #3.

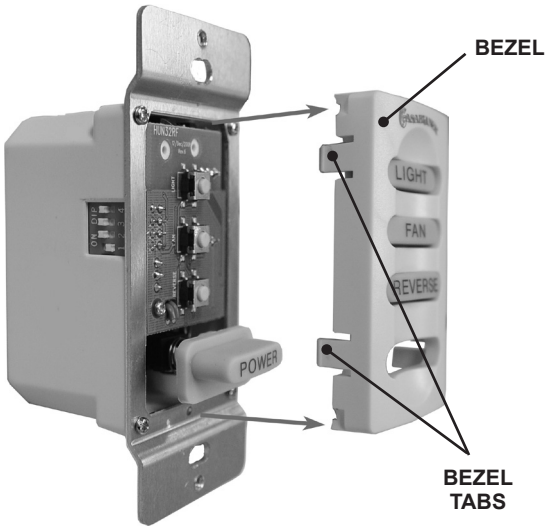


Figure #1

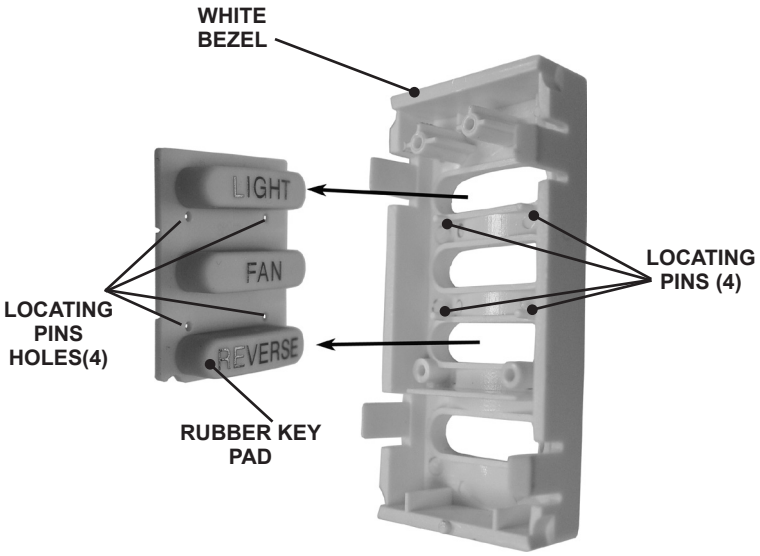


Figure #2

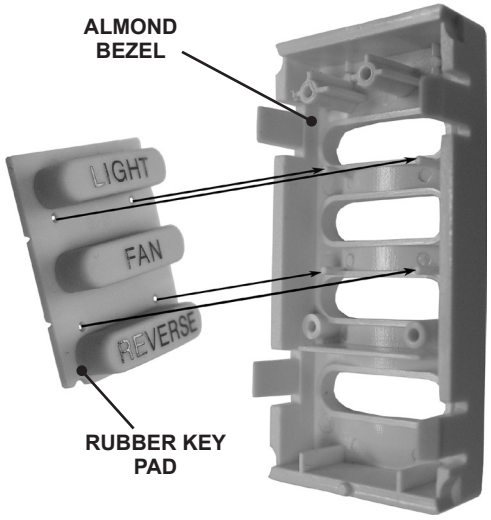


Figure #3

Prepare for W-85 Wall Control installation - Continued

Step 16d. Before attaching the bezel back on to the front of the switch, make sure that the rubber key pad is attached to the locating pins on the bezel as shown in Figure #4.

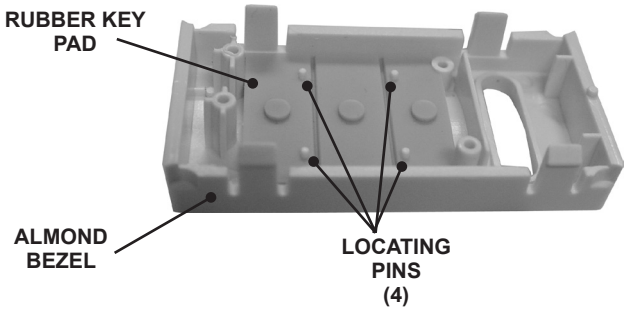


Figure #4

Step 16e. To attach the bezel back on to the front of the switch you will need to align the four (4) tabs on the bezel with the front of the wall control and by gently pressing on both top and button of the bezel at the same time, snap the bezel back on to the front of the switch as shown in both figures #5 and #6.

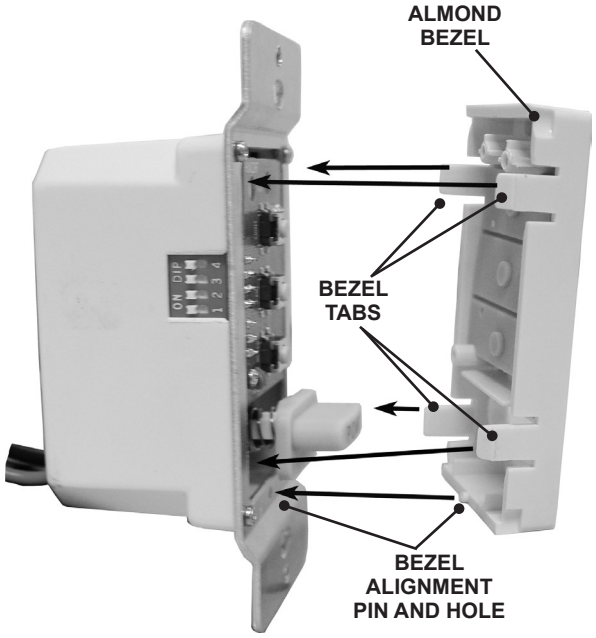


Figure #5

Step 16f. Check your work by pressing on the light, fan, reverse and power buttons, making sure that the buttons do not stick and that each switch functions properly.

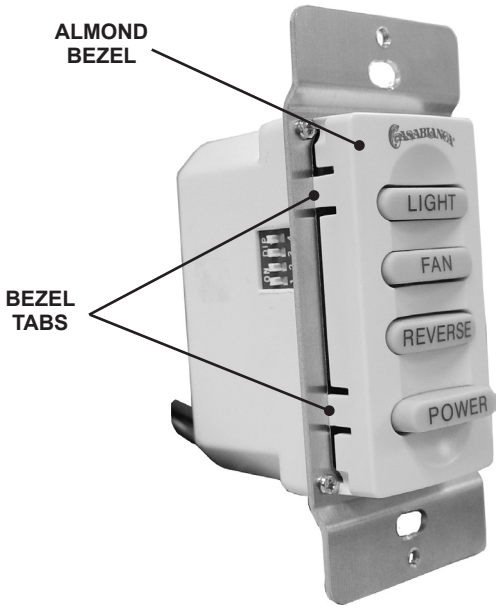


Figure #2

W-85 CONTROL INSTALLATION

INSTALLING THE W-85 WALL CONTROL

NOTE: W-85 Wall Control should only be installed on Casablanca's Inteli-Touch® 3 fans with DOWNLIGHTS ONLY.

The wall control installs in the same manner as an ordinary light switch, using an existing wall box and wiring. This controller is designed to signal the fan microcomputer as well as perform normal switching operations. For this reason the following precautions must be observed:

1. Use only the Casablanca W-85 wall control.
2. Do not use any additional control with your Inteli-Touch 3 fan (for example, dimmer, or fan speed control).
3. Do not use more than one fan per wall control.
4. No other light fixtures or electrical appliances may be connected on the circuit controlled by the W-85 wall control.

SINGLE W-85 INSTALLATION

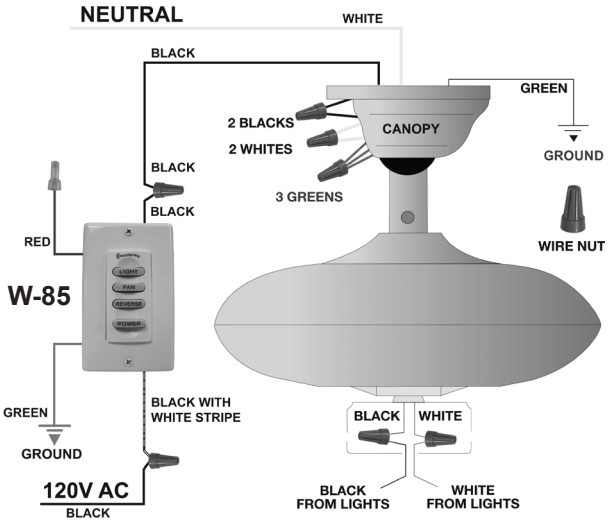
CAUTION!

Ensure power is turned OFF at the breaker or fuse panel before starting installation.

W-85 is used to describe either white (-11) or almond finish. If you have multiple Inteli-Touch 3 fans, refer to the section "Changing Frequency Setting" on page 6.

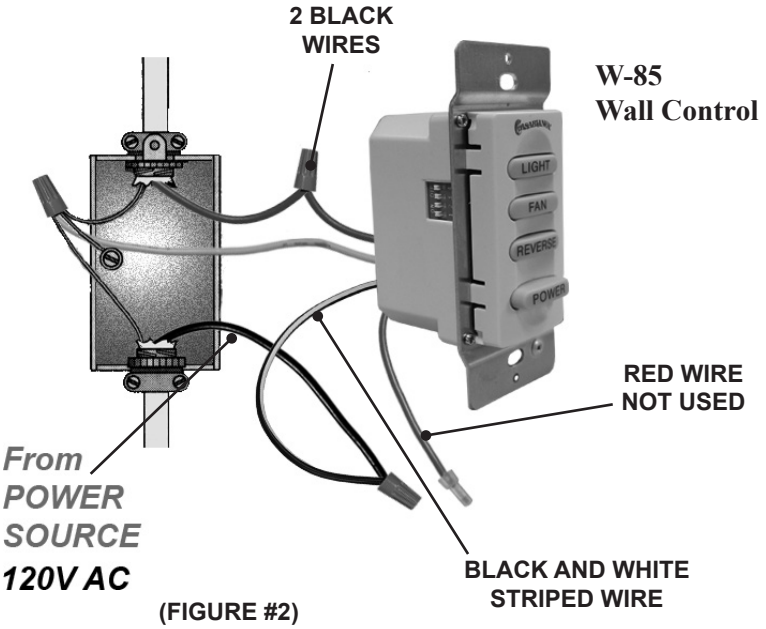
1. Remove the screws and switch plate from the existing switch box.
2. Remove the screws holding the switch in the switch box.
3. Pull the existing switch from the switch box to expose the wire connections.
4. Remove the two wires from the switch.

NOTE: The RED wire is not used in this application, DO NOT remove the crimped cap from the wire..



(FIGURE #1)

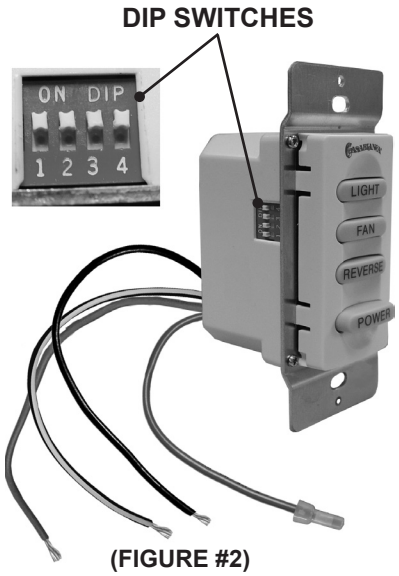
5. Connect the BLACK wire from the POWER SOURCE that you just removed from the switch to the BLACK/WHITE STRIP wire on the W-85 wall control. Secure this connection with a wire nut.
6. Connect the second BLACK wire that you just removed from the switch to the second BLACK wire on the located on the back of the W-85 wall control. Secure this connection with a wire nut.
7. Connect the green ground wire coming from the back of the W-85 control to the ground wire in the switch box. Secure the splice with a wire nut.
8. Check your work by using the wiring diagrams as shown in Figures # 1 and #2.
9. Install the W-85 in the wall box with the two long screws provided.
10. Install the wall plate with the two color-matched screws.



(FIGURE #2)

DUAL W-85 INSTALLATION

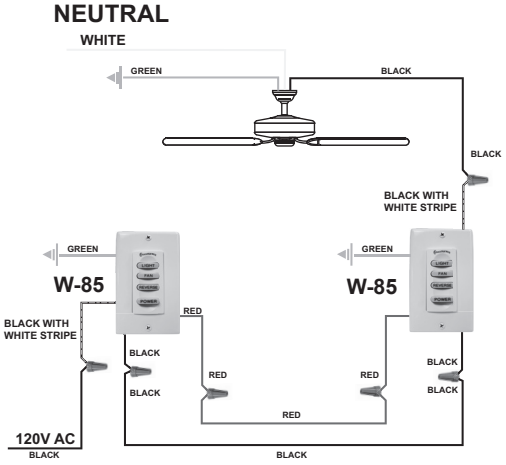
To control the fan and lights from two locations (a three-way circuit), use two W-85 wall controls as shown in the wiring diagram in Figure #1. Before installing the two switches into the wall, place both switches side by side, then locate the 4 dip switches on the side of the two switches as shown in Figure #2. Then make sure that the dip switches are set to the same address on both switches as shown in Figure #2. When setting these dip switches you are setting the channel number that is required to control both your fan and lights from both sides of the room. If you are installing other Inteli-Touch 3 fans within your home you may need to reset the dip switches on these other fans to a different channel before installing your W-85 wall control into the wall. Please review the section on channel changing within this part of the operation manual as shown on page #6.



(FIGURE #2)

CAUTION!

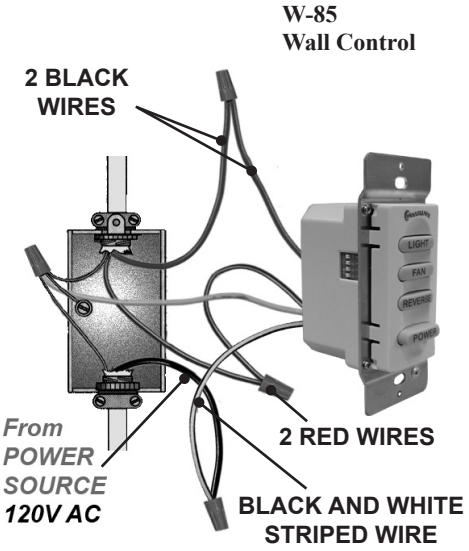
Ensure power is turned OFF at the breaker or fuse panel before starting installation.



(FIGURE #1)

To control the fan and lights from two locations (a three-way circuit), use two W-85 wall controls.

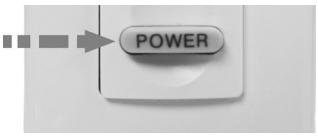
1. Remove the screws and switch plate from the existing switch box and the screws holding the switch in the switch box.
2. Pull the existing switch from the switch box to expose the wire connections.
3. Determine which wire is connected to the common terminal from the power source (120V AC) of the three-way switch. (The terminal will be marked on switch).
4. Remove the wire from the common terminal of the three-way switch. Connect this wire to the remaining black/white striped wire on the W-85 control. Secure this splice with a wire nut.
5. Remove the two remaining wires from the three-way switch. Connect the black wire of these wires to a black wire on the W-85 control. Secure the splice with a wire nut. The remaining red wire is to be connected to the other red wire on the W-85. Secure the splice with a wire nut.
6. Connect the green ground wire coming from the back of the W-85 control to the ground wire in the switch box. Secure the splice with a wire nut.
7. Check your work by using the wiring diagrams as shown in Figures # 1 and #3 on this page.
8. Install the W-85 in the wall box with the two long screws provided.
9. Install the wall plate with the two short color-matched screws provided.
10. Installation of the second W-85 control is identical. Repeat steps 1 through 7.



(FIGURE #3)

OPERATION © POWER

The POWER button is normally left in the on position. Always turn the power off during cleaning or servicing the fan and during thunderstorms. It is also used to exit or enter additional programs.
The POWER button must be left on to retain a previously set fan speed or light level.



OPERATION SPEED CONTROL

There are six individual speed settings for the fan; each speed is indicated by an audible tone of increasing pitch.

To select the desired fan speed:
1. With fan off, press and hold the button labeled FAN. The fan blades will start rotating at the slowest speed, and will increase in steps.
2. Release the button when the desired speed is reached.

The fan speed is now in memory and will automatically come on at the same speed each time the FAN button is used. To maintain this level of speed, turn the fan on by pressing FAN less than one second. To lower speed, turn fan off, then on by pressing and holding the FAN button until the desired speed is reached. When the fan is on, you may increase the speed by pressing and holding the FAN button until the desired speed is reached, then release it.

FAN CONTROL

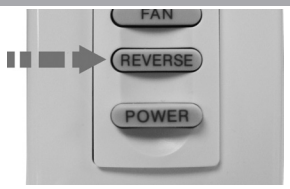
ON - OFF:
A momentary press of the FAN button

CHANGE SPEED:
Press and hold FAN button longer than one second

OPERATION REVERSING AIRFLOW

The direction of airflow can be changed from downward to upward or from upward to downward.
To reverse the airflow:
1. Make sure the FAN is on and blades are Turning.
2. Press the REVERSE button.

Note: A four-toned signal indicates the command was accepted by the fan. A few seconds later the fan will slow to a stop and then reverse direction.



OPERATION LIGHTS

To turn the lights off and on, press and release the LIGHT button for less than one second.

1) First press/release of the LIGHT button- The light will turn ON.

2) Second press/release of the LIGHT button- The light will turn OFF.
To vary the light brightness at each touch level:

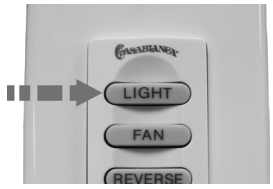
To vary the light brightness:

1. With lights off, press and hold the button. After one second the lights will come on at their lowest level and gradually become brighter.

NOTE: ***Light Operation*** - the light varies from "bright" to "dim" over approximately 8 seconds. This sequence will reverse the light when it reaches the brightest or dimmest level if you continue to hold the LIGHT button. Release the button when the desired level is reached.

2. Release the button when the desired brightness level is reached.

The brightness level is now in the fan memory and will automatically come on at the same brightness the next time the button is used.



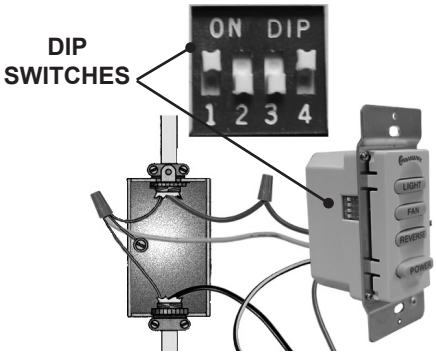
LIGHT CONTROL

ON - OFF:
A momentary press of the **LIGHT** button

CHANGE BRIGHTNESS:
PRESS AND HOLD LIGHT BUTTON LONGER THAN ONE SECOND

CHANGING FREQUENCY SETTING

NOTE: All fans leave the factory set to "1111"



You will only have to change the dip switch settings in the remote if you are using more than one fan in the same area and want to control them separately.

NOTE: DO NOT set dip switch setting in the remote to '0000', this may cause frequency interference from other Casablanca Products.

DIP SWITCHES SET TO '1111' (Factory Setting)

DIP SWITCHES SET TO '1001'

Step 1. Turn power OFF at the circuit breaker or fuse box and at the toggle switch, for the fan you want to change.

Step 2. Remove the screws and switch plate from the existing switch box.

Step 3. Remove the screws holding the switch in the switch box.

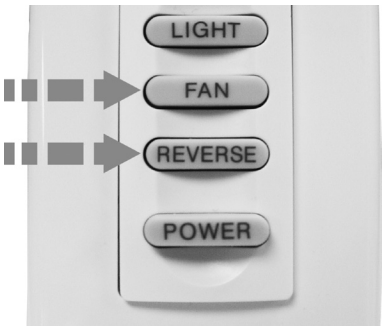
Step 4. Pull the existing W-85 switch from the switch box to expose the dip switches located on the side of the control as shown in Figure #1.

Step 5. Change the dip switch settings, assuring that they are different from the previously installed Inteli-Touch® 3 fan.

Step 6. Mount the W-85 Wall Control unit back into the wall electrical box.

Step 7. At the circuit breaker or fuse box and at the toggle switch, turn the power off for the fan whose frequency you are changing.

Step 8. Within 20 seconds of restoring power to the ceiling fan and the W-85 Wall Control press and hold both the "FAN" and "REVERSE" buttons as shown in Figure #2 for 3 seconds, you will hear one tone from the Piezo Buzzer indicating the command has been accepted.



AUTOMATIC DEMONSTRATION PROGRAM

Programmed into every Inteli-Touch® 3 Series fan is an Automatic Demonstration Program. It can be used to fully demonstrate and test the operation of the fan.

To enter the demonstration program:

1. Turn POWER off for at least 5 seconds. This will clear the fan memory ready for programming.
2. Turn POWER on.
3. Immediately operate the buttons in the following sequence:

FAN + LIGHT + FAN + LIGHT + FAN

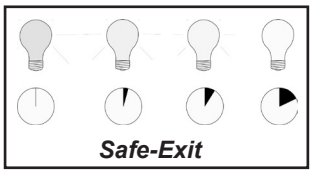
A multi-tone signal will verify the start of the test program which proceeds as follows:

- Lights slowly increase to full intensity.
- Fan accelerates to speed three with audio tones.
- Light dims to half intensity.
- Fan accelerates to full speed with audio tones.
- Fan reverses at full speed with audio tones.
- Fan operates at full speed.
- Fan turns off with audio tones (blades coast for a short time).
- Lights turn off.

The complete cycle lasts slightly over one minute. It will continue to repeat until the POWER is turned off for more than five seconds, cancelling the program.

OPERATION SAFE-EXIT® AND LIGHT-MINDER® PROGRAM

NOTE: Both Light-Minder and Safe-Exit programs will always run at the same time.


Safe-Exit

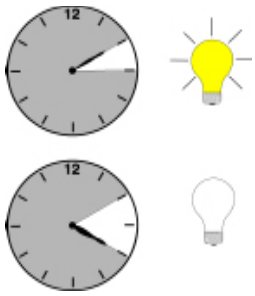
The **Safe-Exit Program** gives you about thirty seconds of light when you turn the lights off, enabling you to exit your home before the lights go out. To enter the Safe-Exit Program:

1) To operate the lights for Safe-Exit Program – Press the POWER button off for at least five seconds.
2) Turn the Power on. Immediately press the buttons in the following sequence: FAN + FAN + LIGHT + LIGHT. Immediately press the LIGHT Button after an audio tone is heard from the fan controller. The lights will blink to indicate this command has been accepted. The lights will stay on for 30 seconds and then begin to dim. After thirty seconds have elapsed, the lights will turn completely off.

3) To cancel the Safe-Exit Program, press the POWER button off for five seconds.

NOTE: If the lights are left on in the room, the lights will automatically turn OFF after 2 hours. (this is Light-Minder)

The **Light-Minder Program** automatically turns OFF the fan mounted lights after two hours.



Light-Minder

To enter the Light-Minder Program:

1) To operate the lights for Light Minder Program – Press the POWER button off for at least 5 seconds.
2) Turn the POWER on. Immediately press the buttons in the following sequence: FAN + FAN + LIGHT + LIGHT. A series of tones will be heard through the piezo-buzzer indicating the command has been accepted. Once the lights turn on, they will automatically turn off after 2 hours.
3) Light operation still remains normal, if you leave the room and turn OFF the lights will blink to indicate this Safe-Exit command has been accepted. The lights will stay on for 30 seconds and then begin to dim. After thirty seconds have elapsed, the lights will turn completely off.
4) To cancel the Light-Minder and Safe-Exit Programs, press the POWER button.

OPERATION HOME-SAFE® PROGRAM

The **Home-Safe Program** makes an unoccupied home appear occupied by turning the lights on and off at random times.
To enter the Home-Safe Program:

1) To operate the lights and fan for Home Safe Program – Press the POWER Button off for a least 5 seconds.
2) Turn the POWER on. Immediately press the buttons in the following sequence: LIGHT + FAN + LIGHT +FAN . A series of tones will be heard through the piezo-buzzer and flashing lights indicating the command has been accepted will follow. This program overrides all manual control of lights and fan. Once the lights turn on, they will automatically turn off after 2 hours.
3) The lights will automatically cycle on and off in a controlled sequence as follows: ON 1 hour, OFF ½ hour, ON 2 hours, OFF 1 hour, ON ½ hour then OFF 2 hours. This seven hour pattern will repeat continuously so that a different pattern of lighting is seen each day of the week.
4) To cancel the Home-Safe Program, press the POWER Button OFF for five seconds.

OPERATION FAN-MINDER™ PROGRAM

The Fan-Minder feature will add to your comfort when used in the bedroom. The program reduces the speed of the fan each two-hour interval to compensate for cooling night air.
To enter the Fan-Minder Program:

1. Turn the POWER OFF for at least 5 seconds.
2. Turn the POWER ON.
3. Immediately operate the buttons in the following sequence:

LIGHT + LIGHT + FAN + FAN

4. The fan will respond with three descending tones. A timer is now initiated and the fan will reduce one speed for each two-hour interval. The fan will not, however, descend below the second lowest speed.
5. You may increase the fan speed by pressing and holding the FAN button until the desired speed is reached, then release it. The fan will again reduce one speed for each 2 hour interval.
5. To cancel the Fan-Minder Program, turn the POWER OFF for three seconds.

IN THE WALL BEZEL REPLACEMENT

WALL CONTROL AND HARDWARE (not to scale)

W-85 Wall Control

Switch Mounting Screws (2)

Switch Bezels (1) White (1) Almond

White Wall Plate(1)

Almond Wall Plate(1)

Wall Plate Screws (2) White (2) Almond

(4) Wire Cap

WARNING!
To avoid possible electrical shock, make certain that electricity is turned off at the circuit breaker or fuse box before attempting any installation or repair procedure

CAUTION! NOT turning the power OFF at the circuit breaker or fuse box may cause damage to the electronics within the wall control and or the PC board on the fan.

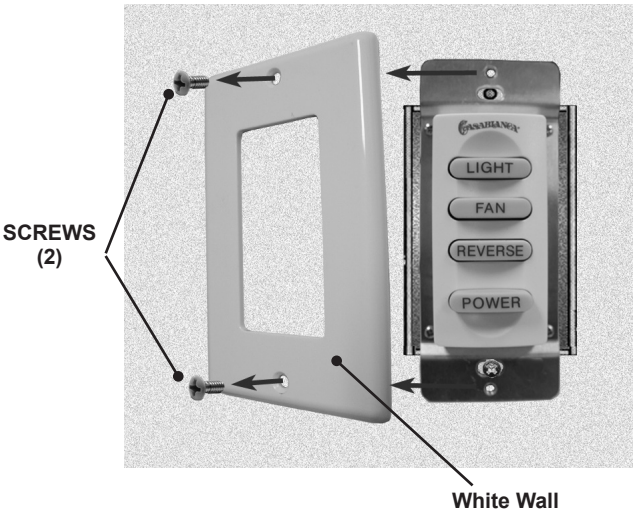


Figure #1

W-85 Wall Control Bezel Replacement installation as follows - (In the Wall Replacement):

Step 17a. Locate the two (2) screws holding the switch plate too the wall control and remove the cover plate as shown in Figure #1.

Step 17a. Locate the four (4) tabs holding the bezel to the front of the switch, then press in on each tab one at a time, removing the bezel as shown in Figure #2.

Step 17b. Locate the rubber key pad attached to the four (4) locating pins as shown in Figure #2 and remove rubber key pad from the WHITE bezel, also as shown in Figure #2.

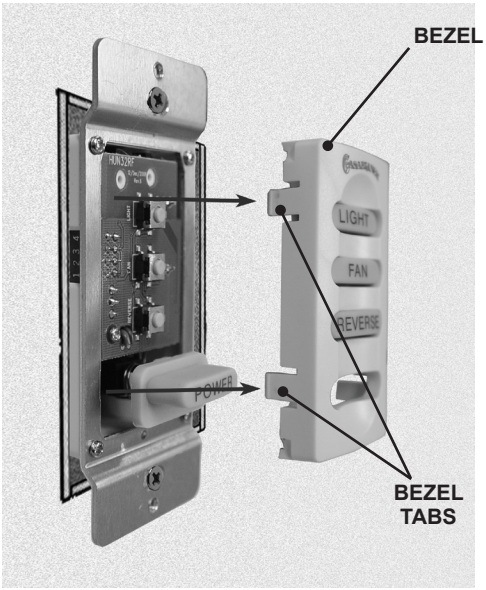


Figure #1

W-85 Wall Control Bezel replacement: - CONTINUED

Step 17c. Locate the rubber key pad attached to the four (4) locating pins as shown in Figure #3 and remove rubber key pad from the WHITE bezel, also as shown in Figure #3.

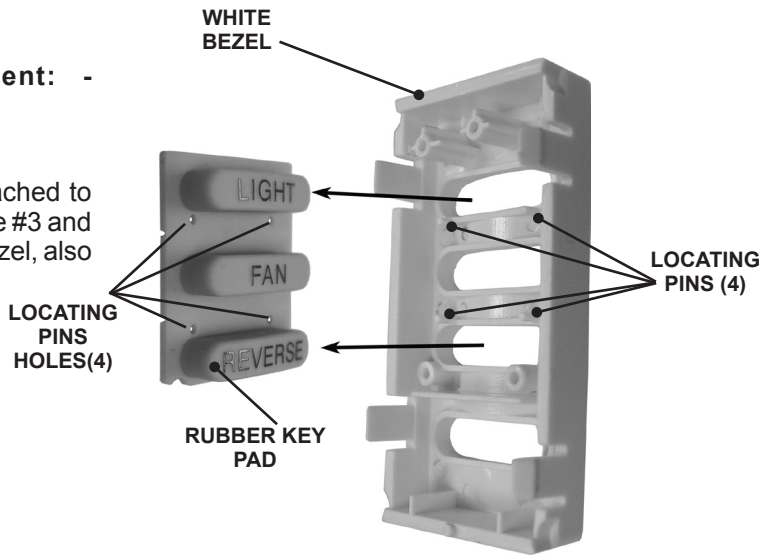


Figure #3

Step 17d. Reinstall the rubber key pad on to the four (4) locating pins located on the almond bezel as shown in Figure #4.

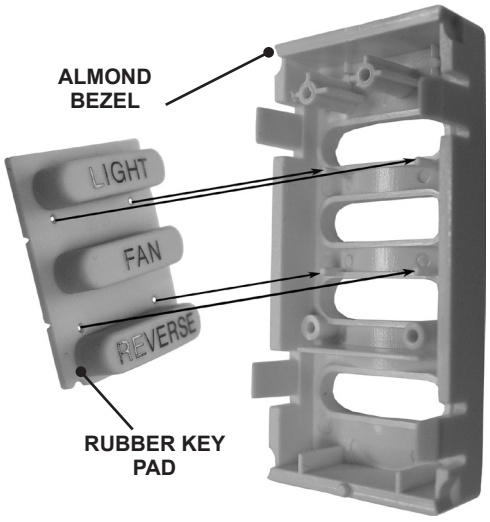


Figure #4

Step 16e. Before attaching the bezel back on to the front of the switch, make sure that the rubber key pad is attached to the locating pins on the bezel as shown in Figure #5.

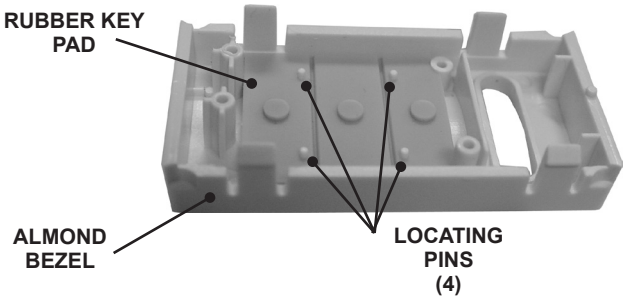


Figure #5

W-85 Wall Control Bezel replacement: - CONTINUED

Step 16e. To attach the bezel back on to the front of the switch you will need to align the four (4) tabs on the bezel with the front of the wall control and by gently pressing on both top and bottom of the bezel at the same time, snap the bezel back on to the front of the switch as shown in both figures #6 and #7.

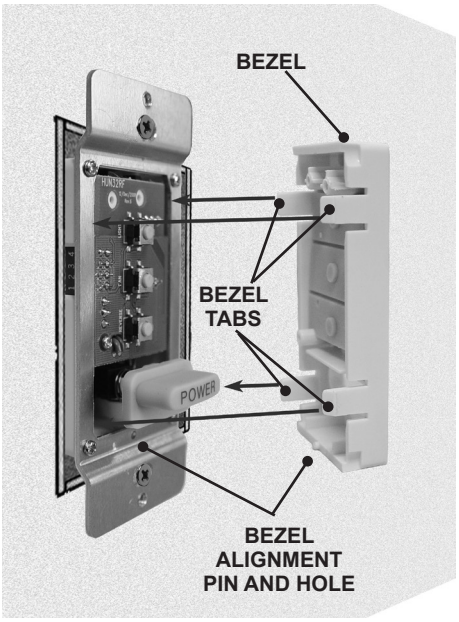


Figure #6

Step 16f. Re-attach the wall plate using the two (2) almond colored head screw as shown in Figure #7, then check your work by pressing on the light, fan, reverse and power buttons, making sure that the buttons do not stick and that each switch functions properly. Turn the power back ON and test the fan and lights.

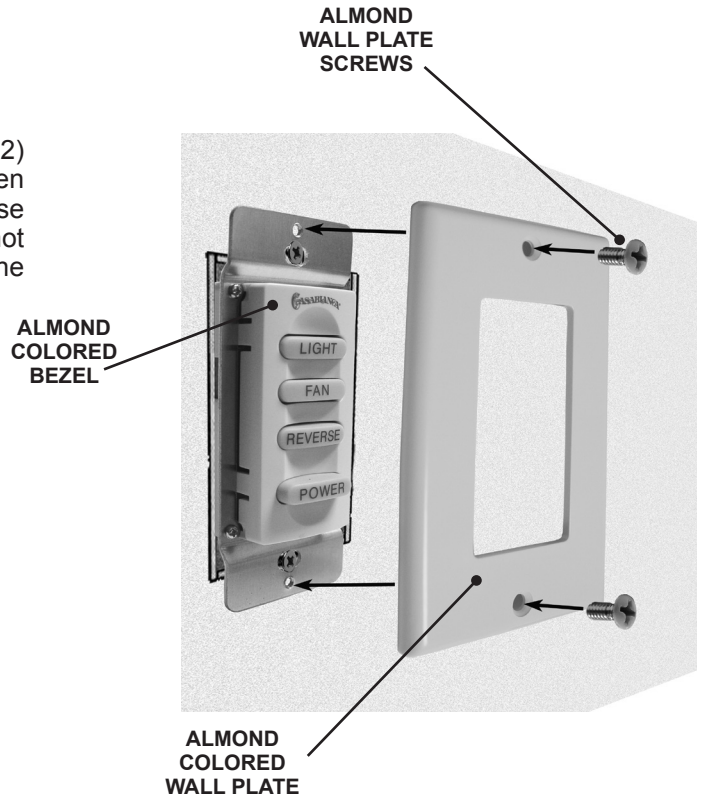


Figure #7

TROUBLESHOOTING TIPS

Please refer to this troubleshooting guide before requesting service or contacting your dealer for assistance.

PROBLEM	POSSIBLE REMEDIES
Fan will not start	• Check the main circuit fuses, circuit breakers, and wall switch position. Check all wire connections. Make sure the power is turned off during this inspection. • Pin connectors are not making good contact. Check all connections. • The fan receiver is defective. Replace the fan receiver. • Reset the frequency setting: Turn the power off at the circuit breaker for the fan that is not functioning only. Within 20 seconds from restoring power to the ceiling fan and the W-85 Wall Control press and hold both the “Fan” and “REVERSE” buttons as shown in Figure #2 for 3 seconds, you will hear one tone from the Piezo Buzzer indicating the command has been accepted. The Fan will come on at “low” speed in the reverse direction.
Fan wobbles or shakes excessively	• Be sure the canopy pin is set properly into the slot on the ball. • Check that the blade holders have not been bent during installation and the blades are balanced. • The hanger bracket and/or the ceiling outlet are attached too loosely. Make sure the hanger bracket is attached tightly to the ceiling outlet box and the downrod assembly is secured firmly. • The downrod is attached to the downrod base too loosely. Make sure all the screws are securely tightened.
Fan is noisy during operation	• When changing fan speeds, you may hear several audible clicks. This is normal operation. • Check and tighten the light fixture retaining screws, glass shade screws, and/or lightbulb(s). • Tighten the canopy screws and mounting plate assembly. Make sure the wire nuts inside the canopy and switch housing are not touching the metal parts and that they have not fallen off the wire splices. Tighten as necessary. • Tighten the blade holders to the flywheel (or Direct Drive motor) and the blades to the bladeholder screws. • Make sure all the screws in the motor housing are snug but not overly tight.
Fan does not run on low speed	• If fan is new, it may need to be “broken in.” Run at high speed for several days.

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
1.This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
2.This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna, Increase the separation between the equipment and receiver, Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help. Note: Any changes or modifications to the transmitter or receiver not expressly approved by Casablanca Fan Company may void one’s authority to operate this remote control.